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         (c) 2005 NTIS, Intl Cpyrght All Rights Res
  File
        8:Ei Compendex(R) 1970-2005/Apr W3
         (c) 2005 Elsevier Eng. Info. Inc.
       73:EMBASE 1974-2005/Apr W3
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         (c) 2005 Elsevier Science B.V.
 File 987:TULSA (Petroleum Abs) 1965-2005/Apr W4
         (c) 2005 The University of Tulsa
       94:JICST-EPlus 1985-2005/Mar W2
 File
         (c) 2005 Japan Science and Tech Corp(JST)
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 File 144: Pascal 1973-2005/Apr W3
         (c) 2005 INIST/CNRS
  File 105:AESIS 1851-2001/Jul
         (c) 2001 Australian Mineral Foundation Inc
*File 105: This file is closed (no updates)
 File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Mar
         (c) 2005 The HW Wilson Co.
 File 58:GeoArchive 1974-2005/Mar
         (c) 2005 Geosystems
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Apr W3
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  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
 File 292:GEOBASE(TM) 1980-2005/Mar B1
         (c) 2005 Elsevier Science Ltd.
  File 89:GeoRef 1785-2005/Apr B1
         (c) 2005 American Geological Institute
*File 89: Please see HELP ALERTALL for new Alert frequency and
price. Please see HELP RATES 89 for new Academic Subscriber rates.
 File 65: Inside Conferences 1993-2005/Apr W4
         (c) 2005 BLDSC all rts. reserv.
 File 350:Derwent WPIX 1963-2005/UD, UM &UP=200526
         (c) 2005 Thomson Derwent
*File 350: For more current information, include File 331 in your search.
Enter HELP NEWS 331 for details.
  File 347: JAPIO Nov 1976-2004/Dec(Updated 050405)
         (c) 2005 JPO & JAPIO
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         2:INSPEC 1969-2005/Apr W3
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*File 89: Please see HELP ALERTALL for new Alert frequency and
price. Please see HELP RATES 89 for new Academic Subscriber rates.
  File 65:Inside Conferences 1993-2005/Apr W4
         (c) 2005 BLDSC all rts. reserv.
  File 350:Derwent WPIX 1963-2005/UD, UM & UP=200526
         (c) 2005 Thomson Derwent
*File 350: For more current information, include File 331 in your search.
Enter HELP NEWS 331 for details.
  File 347: JAPIO Nov 1976-2004/Dec(Updated 050405)
         (c) 2005 JPO & JAPIO
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10/810,364

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S31
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272-2554

10/810,364 04/26/2005

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S51
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S52
          4 S52 AND S26 .
2 RD (unique items)
S53
S54
          765 S52 NOT S53
S55
          6 S55 AND S18
2 RD (unique items)
S56
S57
           13 S27 AND S18
S58
           9 RD (unique items)
6 S59 NOT S56,S53,S51,S47,S42,S40,S32,S34
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S59
S60
S61
        4079 S17 AND ANTENNA? ?
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S63
S64
            1 S63 AND S27
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S65
            6 S65 AND S25
6 RD (unique items)
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S67
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S69
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3 S69 AND S18

3 RD (unique items)

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18 RD (unique items)

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S72
S73
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S75
s76
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S2
                AU=(NISTLER, J? OR NISTLER J?)
S3
           70
            5.
                AU=(ZEBELEIN, G? OR ZEBELEIN G?)
S4
          960
                S1:S4
S5
                S5 AND (MRI OR MAGNETIC(1W)(IMAG? OR IMAGING) OR MAGNETIC(-
S6
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              FTMRI OR MAGNETORESONANCE OR PMR OR PROTON (W) MAGNETIC (W) RESO-
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s7
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             W) RESONAN?) (2N) ANTENNA? ?
                RD (unique items)
S8
                S6 NOT S7
S9
           73
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S10
                S9 AND EIGEN() RESONANC? (2N) FREQUENC?
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S16
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                PARALLEL? (2N) (ROD OR RODS OR BAR OR BARS OR LONGITUD?)
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                SWITCH???? OR DETUN?
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                S17 AND S22
S30
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                S30 AND S18
S31
                S31 AND S19
S32
           21
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                S32 AND S25
S33
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S34
S35
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                RD (unique items)
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S44
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                S44 AND S28
S45
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10/810,364

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5
               S44 AND S29
S46
               RD (unique items)
S47
S48
         773
               S30 AND S27
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S49
               S48 AND S28
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4
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         769
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S56
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s57
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S58
         13
               S27 AND S18
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               RD (unique items)
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               S17 AND ANTENNA? ?
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               S62 AND S19
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               $63 AND $27
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S65
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               S65 AND S25
S66
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S71
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(FILE 'HOME' ENTERED AT 16:52:51 ON 26 APR 2005)

FILE 'JAPIO, INPADOC' ENTERED AT 16:54:23 ON 26 APR 2005

E DE2003-10314215/AP, PRN

L1 2 S E3-E4

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ANSWER 1 OF 2 INPADOC COPYRIGHT 2005 EPO on STN
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LEVEL 1
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     Magnetic resonance oscillation antenna.
ΤI
     L. EBERLE; R. LAZAR; J. NISTLE
IN
     EBERLE L; LAZAR R; NISTLE J
INS
     DE; DE; DE
INA
PA
     SIEMENS AG
PAS
     SIEMENS AG
PAA
TL
     English
DT
     Patent
     CNA UNEXAMINED APPLIC. OPEN TO PUBLIC INSPECTION
PIT
     CN 1534305 A 20041006
PI
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                         A 20040329
PRAI DE 2003-10314215
                         A 20030328
                                          (EDPR 20041021)
LEVEL 1
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     Magnetic resonance oscillation antenna.
ΤI
     L. EBERLE; R. LAZAR; J. NISTLE
IN
     EBERLE L; LAZAR R; NISTLE J
INS
INA
     DE; DE; DE
     SIEMENS AG
PA
PAS
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PAA
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     English
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     CN 2004-10033260
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                                          (EDPR 20041021)
    (7) G01R033-32
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     ANSWER 2 OF 2 INPADOC COPYRIGHT 2005 EPO on STN
T.1
LEVEL 1
     245359154 INPADOC ED 20041021 EW 200443 UP 20050127 UW 200504
AN
ΤI
     Magnetresonanzantenne.
     Magnetic resonance antenna, e.g. for medical imaging, has high frequency
     switching elements for frequency tuning, connected to common switching
     EBERLER, LUDWIG; LAZAR, RAZVAN; NISTLER, JUERGEN; ZEBELEIN, GUENTHER
IN
     EBERLER LUDWIG; LAZAR RAZVAN; NISTLER JUERGEN; ZEBELEIN GUENTHER
INS
INA
     DE; DE; DE; DE
     SIEMENS AG
PA
     SIEMENS AG
PAS
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PAA
TI.
     German
     Patent
DΤ
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PIT
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                          A1 20041021
PΙ
ΑI
     DE 2003-10314215
                          A 20030328
                          A 20030328
                                          (EDPR 20041021)
PRAI
     DE 2003-10314215
     Es wird eine Magnetresonanzantenne (1) beschrieben, welche in einer
     Birdcage-Struktur angeordnete, parallel verlaufende Antennen-Laengsstaebe
```

10/810,364 04/26/2005

> (2) und Antennen-Laengsstaebe (2) endseitig hochfrequenzmaessig verbindenden Antennen-Endringe (3) aufweist. Die Magnetresonanzantenne (1) besitzt ausserdem eine Mehrzahl von Hochfrequenz-Schaltelementen (8, 8a, 8b), um zur Verstimmng der Eigenresonanzfrequenz der Antenne (1) gegenueber der Arbeits-Magnetresonanzfrequenz zumindest einen Teil der Antennen-Laengsstaebe (2) hochfrequenzmaessig zu unterbrechen. Die Hochfrequenz-Schaltelemente (8, 8a, 8b) sind dabei an zumindest eine gemeinsame, von ausserhalb der Birdcage-Struktur zu den Hochfrequenz-Schaltelementen (8, 8a, 8b) gefuehrte Schaltleitung (9, 10) angeschlossen. Darueber hinaus wird ein entsprechendes Verfahren zur Verstimmung einer Magnetresonanzantenne (1) beschrieben.

LEVEL 1

245359154 INPADOC ED 20041021 EW 200443 UP 20050127 UW 200504 AN

ΤI Magnetresonanzantenne.

Magnetic resonance antenna, e.g. for medical imaging, has high frequency switching elements for frequency tuning, connected to common switching wires.

EBERLER, LUDWIG; LAZAR, RAZVAN; NISTLER, JUERGEN; ZEBELEIN, GUENTHER IN

EBERLER LUDWIG; LAZAR RAZVAN; NISTLER JUERGEN; ZEBELEIN GUENTHER INS

INA DE; DE; DE; DE

PA SIEMENS AG

PAS SIEMENS AG

PAA

TLGerman

DT Patent

PIT DEA1 DOCUMENT LAID OPEN (FIRST PUBLICATION)

A1 20041021 PΙ DE 10314215

AI DE 2003-10314215 A 20030328 PRAI DE 2003-10314215 A 20030328

(EDPR 20041021)

ICM (7) G01R033-34

ICS (7) G01R033-36

EPC G01R33/34F